

# **Tabulated Data for Use in Excavations:** **Timber and Plywood** **Installation Requirements**

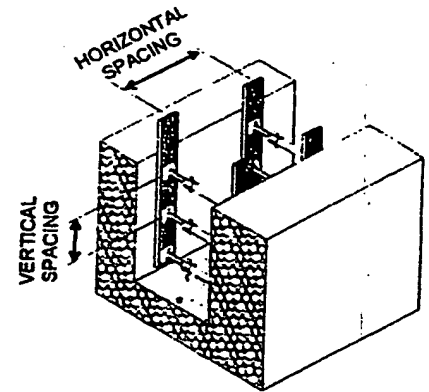
## **GENERAL REQUIREMENTS**

WITH SHORING DEVICE 100a

**TABLE-1: MAXIMUM ALLOWABLE SPACING**

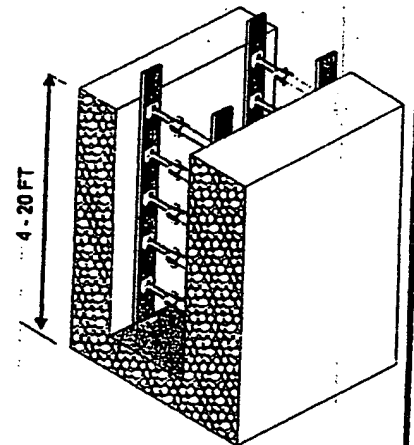
SOIL TYPE	TRENCH DEPTH (FT)	TRENCH WIDTH (FT)	HORIZONTAL SPACING (FT)	VERTICAL SPACING (FT)	PLYWOOD SHEETING
A-25	4 to 10	to 6	8	4	*
		6 to 12	8	4	*
		12 to 16	5	4	*
	10 to 15	to 6	8	4	*
		6 to 12	8	4	*
		12 to 16	4	4	*
	15 to 20	to 6	8	4	*
		6 to 12	8	4	*
		12 to 16	4	4	*
B-45	4 to 10	to 6	8	4	*
		6 to 12	8	4	*
		12 to 16	4	4	*
	10 to 15	to 6	7	4	*
		6 to 12	6	4	*
		12 to 16	4	4	*
	15 to 20	to 6	5	4	*
		6 to 12	5	4	*
		12 to 16	4	4	*
C-60	4 to 10	to 6	8	4	*
		6 to 12	6	4	*
		12 to 16	4	4	*
	10 to 15	to 6	5	4	Required
		6 to 12	4	4	Required
		12 to 16	4	4	Required
	15 to 20	to 6	4	4	Required
		6 to 12	4	4	Required
		12 to 16	—	—	—

\*Plywood Sheeting is required anytime sloughing or raveling occurs



### **CLASS A & B**

NO SLOUGHING  
OR  
RAVELING



### **CLASS C-60**

NO SLOUGHING  
OR  
RAVELING

PLYWOOD SHEETING  
REQUIRED  
BELOW 10 FT

